

## CLAIMS

1. (Currently amended) A method of assembling a storage battery, comprising the steps of:

- (A) depositing terminals of said battery on a pallet at a first position;
- (B) moving said pallet to a second position ; and
- (C) contacting said terminals with [[one or more]] a plurality of bicells in said second position, wherein said bicells are aligned with one another and for contact with said terminals using an alignment plate.

2. (Currently amended) The method of claim 1, further comprising the step of aligning said bicells for contact with said terminals using an alignment plate wherein said alignment plate is disposed in an opening in said pallet such that edges of a top surface of alignment plate are elevated above edges of said pallet.

3. (Currently amended) The method of claim [[2]] 1, wherein said alignment plate is located on a continuous conveyor such that said alignment plate may be retracted after said bicells contact said terminals.

4. (Original) The method of claim 1, further comprising the step of depositing a cover strip in contact with overlap of said terminals and exposed grids of said bicells.

5. (Original) The method of claim 4, further comprising the step of ultrasonically welding said cover strip, said terminal, and said bicell exposed grids along said overlap.

6. (Original) The method of claim 1, further comprising the step of enclosing said terminals and said bicells with a packaging.

7. (Original) The method of claim 6, further comprising the step of sealing said packaging along the sides contacting said terminals via heating platens.

8. (Original) The method of claim 7, further comprising the step of cooling said battery by contacting said packaging sides in contact with said terminals with cooling platens.

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9. (Original) The method of claim 7, further comprising the steps of:  
(A) injecting electrolyte solution into said bicells; and  
(B) sealing packaging side opposing packaging fold using heated platens.

10. (Original) The method of claim 1, further comprising the step of charging said battery by contacting said terminals to a charger.

11. (Original) The method of claim 1, wherein said terminals have a carrier backing.

12. (Original) The method of claim 1, further comprising the step of cutting said terminals from roll prior to moving said pallet to said second position.

13. (Original) The method of claim 4, wherein:  
(A) depositing of one terminal is replaced by depositing of said cover strip; and  
(B) depositing of said cover strip is replaced with depositing of said one terminal.

Claims 14-19 (Cancelled)

20. (New) A method of assembling a storage battery, comprising the steps of:  
providing a pallet having battery terminals disposed thereon, and  
contacting said terminals with at least one bicell, wherein said bicell is aligned  
for contact with said terminals using an alignment plate.

21. (New) The method of claim 20, wherein said alignment plate is disposed in an opening in said pallet such that edges of a top surface of alignment plate are elevated above edges of said pallet.

22. (New) The method of claim 21, wherein said at least one bicell comprises a plurality of bicells, wherein said alignment plate aligns said plurality of bicells with one another and with said terminals.